/0/5/2, /38
Rec'd PCT/PTO 14 JUN 2005

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| U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office   |   |  |  |  |  |
|---|---|--|--|--|--|
|   |   | ATTORNEY DOCKET NO   | ı.: -  |  |  |
| As a below named inventor, I here   | eby declare that:   |  |  |  |  |
| My residence, post office address   | and citizenship are as stated t                                       | pelow next to my name,   |  |  |  |
| I believe I am the original, first and plural names are listed below) of entitled:  | d sole inventor (if only one nam<br>the subject matter which is clain | ne is listed below) or an originated and for which a patent is | al, first and joint inventor (if sought on the invention |  |  |
|   | Process For Preparing (   | Oligonucleotides   |  |  |  |
| The specification of which:   |   |  |  |  |  |
| is attached hereto; or  |   |  |  |  |  |
| was filed as United States applica  | tion Serial No on and v   | was amended on (if applic                                      | able); or  |  |  |
| was filed as PCT international application Number <u>PCT/GB03/001795</u> on 25/04/2003 and was amended under PCT Article 19 On (if applicable).   |   |  |  |  |  |
| I hereby state that I have reviewe claims, as amended by any amen   |   | of the above-identified specif                                 | ication, including the                                   |  |  |
| I acknowledge the duty to disclos patentability of claims presented i 1.56.   |   |  |  |  |  |
| I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed. |   |  |  |  |  |
| PRIOR FOREIGN APPLICATION(S):   |   |  |  |  |  |
| COUNTRY<br>(if PCT, indicate PCT)   | APPLICATION NUMBER  | DATE OF FILING (day, month, year)                              | PRIORITY CLAIMED   |  |  |
| United Kingdom  | 0209539.6   | 26/04/2002   | ☐ Yes ☐ No   |  |  |
|   |   |  | Yes No   |  |  |
|   |   |  | ☐ Yes ☐ No   |  |  |
|   |   |  | ☐ Yes ☐ No   |  |  |

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|                        | Combined Declaration for Patent Application and Power of Attorney - (Continued)   |  |                     |  |  |
|------------------------|---|--|---------------------|--|--|
|                        | (includes Reference to PCT International Applications) ATTORNEY DOCKET NO.: -   |  |                     |  |  |
|                        |   | ATTON                                      |                     |  |  |
| I hereby claim the     | e benefits under Title  | 35, United States (                        | Code Section 119    | (e) of any United States                           |  |
| provisional applic     | cation(s) listed below.   |  |                     |  |  |
|                        |   | VISIONAL APPLIC                            |                     |  |  |
| U.S. PROVISIONAL APP   | PLICATION NO.   | U.   | S. FILING DATE      |  |  |
|                        |   |  |                     |  |  |
|                        |   |  |                     |  |  |
|                        |   |  |                     |  |  |
| I hereby claim th      | e benefit under Title 3   | 5, United States C                         | ode, Section 120    | of any United States                               |  |
| application(s) or      | Section 365(c) of any   | PCT international                          | application(s) des  | signating the United States of                     |  |
| America that is/a      | re listed below and, in   | nsofar as the subject                      | ct matter of each   | of the claims of this                              |  |
| application is not     | t disclosed in that/thos  | se prior application(                      | (s) in the manner   | e duty to disclose to the U.S.                     |  |
| Patent and Trade       | emark Office all inform   | nation known to me                         | e to be material to | the patentability of claims                        |  |
| nresented in this      | application in accorda  | ance with Title 37.                        | Code of Federal I   | Regulations, Section 1.56                          |  |
| which became a         | vailable between the f  | filing date of the pri                     | or application(s)   | and the national or PCT                            |  |
| international filin    | g date of this applicati  | ion:                                       |                     |  |  |
|                        |   |  |                     |  |  |
| DDIOD H 6 ADI          | DI ICATIONS OF PCT  | T INTERNATIONAL                            | APPLICATIONS        | DESIGNATING THE U.S.                               |  |
| FOR BENEFIT:           | LICATIONS ON FOI  |  | 2.3/(110140         |  |  |
| U.S. OR PCT IN         |   |  |                     |  |  |
| APPLICA                |   |  | JS (Check One)      |  |  |
| APPLICATION NO.        | FILING DATE   | PATENTED                                   | PENDING             | ABANDONED  |  |
|                        |   |  | <u> </u>            |  |  |
|                        |   |  | <u> </u>            |  |  |
|                        |   |  |                     |  |  |
|                        |   |  |                     |  |  |
|                        |   |  | . ,                 | -4   |  |
| POWER OF AT            | TORNEY: As a name   | ed inventor, I hereby                      | y appoint the regi  | stered practitioners of                            |  |
| Morgan, Lewis &        | s Bockius LLP include   | ed in the Customer<br>is in the Patent and | Trademark Offic     | below to prosecute this e connected therewith, and |  |
| direct that all co     | application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number. |  |                     |  |  |
|                        |   |  |                     |  |  |
| Customer Number: 09629 |   |  |                     |  |  |
|                        |   |  |                     |  |  |
|                        |   |  |                     |  |  |
|                        |   |  |                     |  |  |
| Direct Telephone Calls | То:   |  |                     |  |  |
|                        |   | 000 700 555                                |                     |  |  |
|                        | 202-739-3000  |  |                     |  |  |

16/5/2, 138 SMC 60512X/UST 14 JUN 2005

| Comb  | (includes Re   | cation and Power of Attorney - (Continued) ference to PCT International Applications) DOCKET NO.: -   |  |  |  |
|---|--|---|--|--|--|
| made on information and belie<br>the knowledge that willful false<br>or both, under Section 1001 of<br>may jeopardize the validity of t | f are believed to be true; and furthe<br>statements and the like so made | vledge are true and that all statements er that these statements were made with are punishable by fine or imprisonment, e, and that such willful false statements og thereon. |  |  |  |
| FULL NAME OF SOLE<br>OR FIRST INVENTOR  | MOODY, David John  |   |  |  |  |
| RESIDENCE &<br>CITIZENSHIP  | United Kingdom   | COUNTRY OF United Kingdom CITIZENSHIP   |  |  |  |
| POST OFFICE<br>ADDRESS  | Earls Road, Grangemouth, Stirlingshire, FK3 8XG, United Kingdom          |   |  |  |  |
| FIRST OR SOLE INVENTOR'S S  |  | DATE × 20.0.2006  |  |  |  |
| FULL NAME OF<br>SECOND INVENTOR   | WELLINGS, Donald Alfred  |   |  |  |  |
| RESIDENCE &<br>CITIZENSHIP  | United Kingdom   | COUNTRY OF United Kingdom CITIZENSHIP   |  |  |  |
| POST OFFICE<br>ADDRESS  | PO Box 42, Hexagon House, Blackley, Manchester, M9 8ZS, United Kingdom   |   |  |  |  |
| SECOND INVENTOR'S SIGNATU   | JRE  | DATE  |  |  |  |
| FULL NAME OF<br>THIRD INVENTOR  | MCCORMAC, Paul   |   |  |  |  |
| RESIDENCE &<br>CITIZENSHIP  | United Kingdom   | COUNTRY OF United Kingdom CITIZENSHIP   |  |  |  |
| POST OFFICE<br>ADDRESS  | Earls Road, Grangemouth, Stirling  | ngshire, FK3 8XG, United Kingdom  |  |  |  |
| THIRD INVENTOR'S SIGNATURI  | Ė  | DATE  |  |  |  |
| Listing of Invent   | ors Continued on attached page(s   | s): Yes No  |  |  |  |

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Rec'd PCT/PTO 14 JUN 2005
SMC 60512X/UST

| COMBINED DECLARATI   | ON FOR PATENT APPLI  | CATION AND POWER                 | OF ATTORNEY       |  |  |
|--|--|----------------------------------|-------------------|--|--|
| U.S. DEPARTMENT OF COMMERCE  Patent and Trademark Office   |  |                                  |                   |  |  |
|  |  |                                  |                   |  |  |
|  |  | ATTORNEY DOCKET NO.:             |                   |  |  |
| As a below named inventor, I hereb   |  |                                  |                   |  |  |
| My residence, post office address a  | nd citizenship are as stated bel   | ow next to my name,              | C.F.              |  |  |
| I believe I am the original, first and plural names are listed below) of the entitled:   | I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: |                                  |                   |  |  |
|  | Process For Preparing Oli  | gonucleotides                    |                   |  |  |
| The specification of which:  |  |                                  | ·                 |  |  |
| is attached hereto; or   |  |                                  |                   |  |  |
| was filed as United States applicati   | on Serial No on and wa   | as amended on (if applica        | able); or         |  |  |
| was filed as PCT international appl<br>Article 19<br>On (if applicable).   | ication Number <u>PCT/GB03/001</u>   | <u>795</u> on 25/04/2003 and was | amended under PCT |  |  |
| I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations Section  |  |                                  |                   |  |  |
| 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed. |  |                                  |                   |  |  |
| A SPUIGATION   | (6):   |                                  |                   |  |  |
| PRIOR FOREIGN APPLICATION COUNTRY  | 1  | DATE OF FILING                   | PRIORITY CLAIMED  |  |  |
| (if PCT, indicate PCT)   | APPLICATION NUMBER   | (day, month, year)<br>26/04/2002 | Yes No            |  |  |
| United Kingdom   | 0209539.6  |                                  | ☐ Yes ☐ No        |  |  |
|  |  |                                  |                   |  |  |
|  |  |                                  | Yes No            |  |  |
|  |  |                                  | ☐ Yes ☐ No        |  |  |
| Į.   |  |                                  |                   |  |  |

|    | Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO.: -   |   |  |  |   |   |   |  |  |     |
|----|---|---|--|--|---|---|---|--|--|-----|
| -  |   |   |  |  |   |   |   |  |  |     |
|    | I hereby claim the  | e benefits under Title 3 ation(s) listed below.   |  |  |   | n 119   | (e) of a  | ny Unit  | ed States  |     |
|    |   | U.S. PRO  | VISIONAL AF  | PLI  | CATIONS   |   |   |  |  |     |
| U. | S. PROVISIONAL APP  | LICATION NO.  |  | <u>L</u>   | J.S. FILING I   | DATE  | <u>:                                    </u>                |  |  |     |
|    |   |   |  |  |   |   |   |  |  |     |
|    |   |   |  |  |   |   |   |  |  |     |
|    | application(s) or America that is/a application is not paragraph of Titl Patent and Trade presented in this which became a international filin PRIOR U.S. API   | e benefit under Title 3: Section 365(c) of any re listed below and, in disclosed in that/those 35, United States Commark Office all inform application in accordavailable between the fig date of this application. | sofar as the se prior applicate, Section station known ance with Title liling date of the con: | subjection<br>subjection<br>stom<br>stom<br>stom<br>stom | ect matter of<br>n(s) in the mand<br>I acknowled<br>the to be mate<br>I, Code of Fe<br>rior applicati | each<br>anner<br>ge the<br>erial to<br>deral<br>on(s) | of the of provided the duty to the parameter Regula and the | claims of the cl | of this ne first pse to the U. lity of claims Section 1.56 al or PCT | .S. |
| -  | FOR BENEFIT:<br>U.S. OR PCT IN  | TERNATIONAL   |  |  |   |   |   |  |  |     |
| ļ  | APPLICA   | ATIONS  |  | TAT  | rus (Check  | One)  | <del></del>   |  | NEONED   |     |
|    | APPLICATION NO.   | FILING DATE   | PATENTE  | D_   | PENDIN  | <u>IG</u> _   |   | ABA  | ANDONED  |     |
| -  |   |   | <u> </u>   |  |   | <u>Ц</u>  |   | ⊢⊢   |  |     |
|    |   |   |  | <u>_</u> _   |   | ᆜ   |   | _ 닏  |  |     |
| -  |   |   |  |  |   | <u> </u>  |   | _ 닐  |  |     |
| -  |   |   |  |  |   |   |   | <u> </u>   |  |     |
|    | POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.  Customer Number: 09629 |   |  |  |   |   |   |  |  |     |
|    | Direct Telephone Calls  | To:   | 202-739-   | 300  | 00  | <u>:</u>  |   |  |  |     |

| С   | (includ   | Application and Power of Attorney - (Continued) es Reference to PCT International Applications) RNEY DOCKET NO.:   |
|---|---|--|
| made on information and b<br>the knowledge that willful for<br>or both, under Section 100 | elief are believed to be true; and<br>alse statements and the like so r | n knowledge are true and that all statements d further that these statements were made with made are punishable by fine or imprisonment, s Code, and that such willful false statements issuing thereon. |
| FULL NAME OF SOLE<br>OR FIRST INVENTOR  | MOODY, David John   |  |
| RESIDENCE & CITIZENSHIP   | United Kingdom  | COUNTRY OF United Kingdom CITIZENSHIP  |
| POST OFFICE<br>ADDRESS  | Earls Road, Grangemouth   | n, Stirlingshire, FK3 8XG, United Kingdom  |
| FIRST OR SOLE INVENTOR  | S SIGNATURE   | DATE   |
| FULL NAME OF SECOND INVENTOR  | WELLINGS, Donald Alfred   | d  |
| RESIDENCE & CITIZENSHIP   | United Kingdom  | COUNTRY OF United Kingdom CITIZENSHIP  |
| POST OFFICE<br>ADDRESS  | PO Box 42, Hexagon Hou<br>Kingdom                                       | use, Blackley, Manchester, M9 8ZS, United  |
| SECOND INVENTOR'S SIGN  | IATURE  | 03/02/0S   |
| FULL NAME OF<br>THIRD INVENTOR  | MCCORMAC, Paul  |  |
| RESIDENCE & CITIZENSHIP   | United Kingdom  | COUNTRY OF United Kingdom CITIZENSHIP  |
| POST OFFICE<br>ADDRESS  | Earls Road, Grangemout  | h, Stirlingshire, FK3 8XG, United Kingdom  |
| THIRD INVENTOR'S SIGNA  | TURE  | DATE   |
| Listing of I  | nventors Continued on attached  | page(s): Yes No  |

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Rec'd PCT/PTO 14 JUN 2005
SMC 60512X/UST

| COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  U.S. DEPARTMENT OF COMMERCE  |   |  |   |  |  |
|---|---|--|---|--|--|
| Patent and Trademark Office   |   |  |   |  |  |
|   |   | ATTORNEY DOCKET NO.:   | -   |  |  |
| As a below named inventor, I hereb  | by declare that:  |  |   |  |  |
| My residence, post office address a   |   |  |   |  |  |
| I believe I am the original, first and plural names are listed below) of the ntitled:   | sole inventor (if only one name<br>e subject matter which is claim  | e is listed below) or an original<br>led and for which a patent is s | I, first and joint inventor (if sought on the invention |  |  |
|   | Process For Preparing O   | ligonucleotides  |   |  |  |
| The specification of which:   |   |  |   |  |  |
| is attached hereto; or  |   |  |   |  |  |
| was filed as United States applicat   | ion Serial No on and w  | as amended on (if application  | able); or   |  |  |
| was filed as PCT international app<br>Article 19<br>On (if applicable).   | lication Number <u>PCT/GB03/00</u>                                  | <u>1795</u> on 25/04/2003 and was                                    | amended under PCT                                       |  |  |
| I hereby state that I have reviewed claims, as amended by any amen  | dment referred to above.  |  |   |  |  |
| I acknowledge the duty to disclose patentability of claims presented in 1.56.   | e to the U.S. Patent and Traden<br>n this application in accordance | nark Office information which with Title 37, Code of Federa          | is material to the<br>al Regulations Section            |  |  |
| I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed. |   |  |   |  |  |
| PRIOR FOREIGN APPLICATION(S):   |   |  |   |  |  |
| COUNTRY   | APPLICATION NUMBER  | DATE OF FILING (day, month, year)                                    | PRIORITY CLAIMED  |  |  |
| (if PCT, indicate PCT) United Kingdom   | 0209539.6   | 26/04/2002   | ⊠ Yes □ No  |  |  |
|   |   |  | ☐ Yes ☐ No  |  |  |
|   |   |  | ☐ Yes ☐ No  |  |  |
|   |   |  | ☐ Yes ☐ No  |  |  |
| II  |   | I  |   |  |  |

## 10/512, (38 Rec'd PCT/PTO 14 JUN 2005 SMC 60512X/UST

| Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications)  |   |   |                             |   |                   |  |                       |   |
|---|---|---|-----------------------------|---|-------------------|--|-----------------------|---|
| ATTORNEY DOCKET NO.: -  |   |   |                             |   |                   |  |                       |   |
|   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |   |                             |   |                   |  |                       |   |
| I hereby claim the benefits under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below.   |   |   |                             |   |                   |  |                       |   |
|   | U.S. PRO  | VISIONAL AF   | PLIC                        | ATIONS  |                   |  |                       |   |
| U.S. PROVISIONAL APP  | LICATION NO.  |   | U.S                         | S. FILING DA                                      | \TE               | <u>:</u>   |                       |   |
|   |   |   |                             |   |                   |  |                       |   |
|   |   |   |                             |   |                   |  |                       |   |
|   |   |   |                             |   |                   |  |                       |   |
| application(s) or S America that is/ar  | e benefit under Title 3<br>Section 365(c) of any<br>re listed below and, in<br>disclosed in that/thos | PCT internati<br>sofar as the se<br>e prior application | onal a<br>subjec<br>ation(s | pplication(s)<br>t matter of eas<br>s) in the man | des<br>ach<br>ner | signating the of the clair<br>provided the clair | ne U<br>ns (<br>by th | United States of<br>of this<br>ne first |
| paragraph of Title  | a 35, United States Commark Office all inform   | ode, Section 1  | 12, I                       | acknowledge<br>to be materi                       | tne<br>al to      | e duty to di<br>the naten                        | SCI0<br>tahi          | ility of claims                         |
| Patent and Trade  | application in accorda  | ance with Title   | 37. 0                       | Code of Fede                                      | ral i             | Regulation                                       | is, S                 | Section 1.56                            |
| which became av   | ailable between the fi  | iling date of th  | e pric                      | r application                                     | (s) a             | and the na                                       | tion                  | al or PCT                               |
| international filing  | date of this application  | on:   |                             |   |                   |  | _                     |   |
| FOR BENEFIT:  | LICATIONS OR PCT  | INTERNATIO  | ONAL                        | APPLICATION                                       | SNC               | S DESIGNA  | ATI                   | NG THE U.S.                             |
| U.S. OR PCT INT<br>APPLICA  |   |   | TATLI                       | S (Check O  | 161               |  |                       |   |
| APPLICATION NO.   | FILING DATE   | PATENTE   |                             | PENDING   |                   |  | ABA                   | ANDONED                                 |
| AFFEIGATION NO.   | TIENTO DI TIE   |   | 7                           |   | 1                 |  |                       |   |
|   |   |   | ╡                           |   |                   |  |                       |   |
|   |   |   | <b>T</b>                    |   | 1                 |  | П                     |   |
|   |   | <u>_</u>  |                             |   | ī                 |  | 同                     |   |
| POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.  Customer Number: 09629 |   |   |                             |   |                   |  |                       |   |
| Direct Telephone Calls T  | ō:  |   |                             |   |                   |  |                       |   |
| 202-739-3000  |   |   |                             |   |                   |  |                       |   |

## 10/512, 138 Rec'd PCT/PTO 14M4942805T

| Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO.: -  |   |  |  |  |  |
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| made on information and belief   | are believed to be true; an<br>statements and the like so<br>Title 18 of the United State | n knowledge are true and that all statements d further that these statements were made with made are punishable by fine or imprisonment, s Code, and that such willful false statements issuing thereon. |  |  |  |
| FULL NAME OF SOLE<br>OR FIRST INVENTOR   | MOODY, David John   |  |  |  |  |
| RESIDENCE &<br>CITIZENSHIP   | United Kingdom  | COUNTRY OF United Kingdom CITIZENSHIP  |  |  |  |
| POST OFFICE<br>ADDRESS   | Earls Road, Grangemouth, Stirlingshire, FK3 8XG, United Kingdom                           |  |  |  |  |
| FIRST OR SOLE INVENTOR'S SI  | GNATURE   | DATE   |  |  |  |
| FULL NAME OF<br>SECOND INVENTOR  | WELLINGS, Donald Alfred   |  |  |  |  |
| RESIDENCE & CITIZENSHIP  | United Kingdom  | COUNTRY OF United Kingdom CITIZENSHIP  |  |  |  |
| POST OFFICE<br>ADDRESS   | PO Box 42, Hexagon House, Blackley, Manchester, M9 8ZS, United Kingdom                    |  |  |  |  |
| SECOND INVENTOR'S SIGNATU  | DATE  |  |  |  |  |
| FULL NAME OF<br>THIRD INVENTOR   | MCCORMAC, Paul  |  |  |  |  |
| RESIDENCE & CITIZENSHIP  | United Kingdom  | COUNTRY OF United Kingdom CITIZENSHIP  |  |  |  |
| POST OFFICE<br>ADDRESS   | Earls Road, Grangemouth, Stirlingshire, FK3 8XG, United Kingdom                           |  |  |  |  |
| THIRD INVENTOR'S SIGNATURE  A CONTROL OF THE CONTRO |   |  |  |  |  |
| Listing of Inven   | tors Continued on attache   | d page(s): Yes No  |  |  |  |

Page 3 of 3